

FILE 'HOME' ENTERED AT 16:55:20 ON 08 JUL 2009

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 16:55:37 ON 08 JUL 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUL 2009 HIGHEST RN 1161069-81-3

DICTIONARY FILE UPDATES: 7 JUL 2009 HIGHEST RN 1161069-81-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

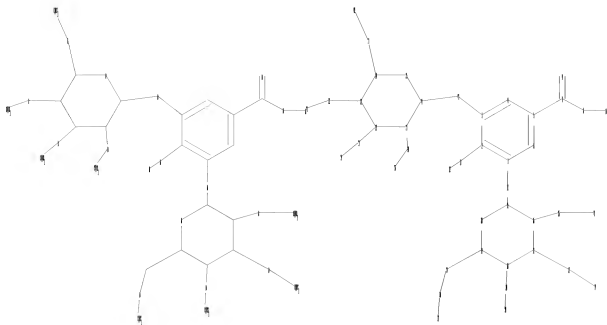
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10518640.str



```
chain nodes :
7 8 9 10 11 12 13 26 27 28 29 30 31 32 33 34 35 36 37 38 39
40 41 42 43
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25
chain bonds :
1-13 2-11 3-43 5-7 7-8 7-9 8-10 11-12 13-15 14-43 16-26 17-27 18-28
19-29 21-34 22-33 23-32 24-31 26-40 27-39 28-38 29-30 30-37 31-42 32-41
33-35 34-36
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-25 14-21 15-16 15-20 16-17 17-18 18-19 19-20
21-22 22-23 23-24 24-25
exact/normal bonds :
1-13 2-11 3-43 7-8 7-9 8-10 13-15 14-25 14-21 14-43 15-16 15-20 16-17
16-26 17-18 17-27 18-19 18-28 19-20 21-22 21-34 22-23 22-33 23-24 23-32
24-25 24-31
26-40 27-39 28-38 29-30 30-37 31-42 32-41 33-35 34-36
exact bonds :
5-7 11-12 19-29
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS
```

32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS
40:CLASS 41:CLASS
42:CLASS 43:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 16:56:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 205 TO ITERATE

100.0% PROCESSED 205 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3241 TO 4959

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 16:57:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4682 TO ITERATE

100.0% PROCESSED 4682 ITERATIONS

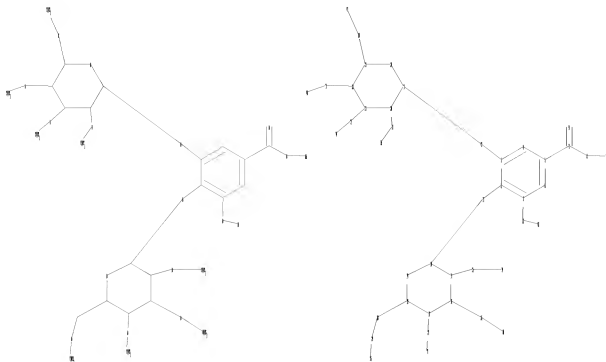
0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10518640-1.str



```

chain nodes :
7  8  9 10 11 12 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39
40 41 42 43
ring nodes :
1  2  3  4  5  6 13 14 15 16 17 18 19 20 21 22 23 24
chain bonds :
1-12 2-11 3-42 5-7 7-8 7-9 8-10 11-14 12-43 13-42 15-25 16-26 17-27
18-28 20-33 21-32 22-31 23-30 25-39 26-38 27-37 28-29 29-36 30-41 31-40
32-34 33-35
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-24 13-20 14-19 14-15 15-16 16-17 17-18 18-19
20-21 21-22 22-23 23-24
exact/norm bonds :
1-12 2-11 3-42 7-8 7-9 8-10 11-14 13-24 13-20 13-42 14-19 14-15 15-16
15-25 16-17 16-26 17-18 17-27 18-19 20-21 20-33 21-22 21-32 22-23 22-31
23-24 23-30
25-39 26-38 27-37 28-29 29-36 30-41 31-40 32-34 33-35
exact bonds :

```

5-7 12-43 18-28
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS
32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS
40:CLASS 41:CLASS
42:CLASS 43:CLASS

L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l4 sss sam

SAMPLE SEARCH INITIATED 17:02:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 205 TO ITERATE

100.0% PROCESSED 205 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3241 TO 4959

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4